Opportunities for sector participation in ITU-D activities following WTDC-14

An overview and food for thought

ITU-D: DEVELOPMENT SECTOR

Strategic objectives:

- Foster international cooperation on telecommunication/ICT development issues.
- Foster an enabling environment for ICT development and foster the development of telecommunication/ICT networks as well as relevant applications and services, including bridging the standardization gap.
- Enhance confidence and security in the use of telecommunications/ICTs, and roll-out of relevant applications and services.
- Build human and institutional capacity, provide data and statistics, promote digital inclusion and provide concentrated assistance to countries in special need.
- Enhance environmental protection, climate-change adaptation and mitigation, and disaster-management efforts through telecommunications/ICTs.

ITU-D outputs and the implementation framework are further detailed in the Dubai Action Plan, endorsed by the World Telecommunication Development Conference 2014

ITU-D: DUBAI ACTION PLAN (DuAP)

Structure of the DuAP (results-based structure and based on ITU-D objectives):

- Title of the objective and outcomes
- Description of the related outputs and key performance indicators for each output
- An implementation framework including, as relevant:
  - Programmes
  - Regional initiatives
  - Study group Questions
  - WSIS action line facilitation
  - WTDC resolutions and recommendations.
- ITU-D develops products and services through the programmes, regional initiatives, study group Questions, WSIS action line facilitation and WTDC Resolutions and ITU-D Recommendations.

MAIN OUTPUTS: PROGRAMMES

- Policy and regulatory environment
- Telecommunication/ICT networks, including conformance and interoperability and bridging the standardization gap
- Innovation and partnership
- Cybersecurity
- ICT applications and services
- Capacity building
- Telecommunication/ICT statistics
- Digital inclusion
- Concentrated assistance to LDCs, SIDS and LLDCs
- ICTs and climate-change adaptation and mitigation
- Emergency telecommunications

REGIONAL INITIATIVES

AFRICA REGIONAL INITIATIVES

AFR1	Strengthening human and institutional capacity building
AFR2	Strengthening and harmonizing policy and regulatory frameworks for the integration of African telecommunication/ICT markets
AFR3	Development of broadband access and adoption of broadband
AFR4	Spectrum management and transition to digital broadcasting
AFR5	Building confidence and security in the use of telecommunications/ICTs

AMERICAS REGIONAL INITIATIVES

AMS1	Emergency telecommunications
AMS2	Spectrum management and transition to digital broadcasting
AMS3	Development of broadband access and adoption of broadband
AMS4	Reduction of telecommunication service prices and Internet access costs
AMS5	Capacity building to engage in global ICT policy, with special focus on improving cybersecurity and developing countries' participation in the existing Internet governance institutions

REGIONAL INITIATIVES

ARAB STATES REGIONAL INITIATIVES

ARB1	Development of broadband access and adoption of broadband
ARB2	Building confidence and security in the use of telecommunications/ICTs
ARB3	Use of telecommunications/ICTs for smart and sustainable development and protection of the environment
ARB4	Smart learning
ARB5	Ensuring access to telecommunications/ICTs, in particular for persons with disabilities

ASIA PACIFIC REGIONAL INITIATIVES

ASP1	Special consideration for least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries
ASP2	Emergency telecommunications
ASP3	Harnessing the benefits of new technologies
ASP4	Development of broadband access and adoption of broadband
ASP5	Policy and regulation

REGIONAL INITIATIVES

CIS REGIONAL INITIATIVES

CIS1	Creating a child online protection centre for the CIS region
CIS2	Ensuring access to telecommunication/ICT services for persons with disabilities
CIS3	Introduction of training technologies and methods using telecommunications/ICTs for human capacity building
CIS4	Development of broadband access and adoption of broadband
CIS5	Building confidence and security in the use of ICTs

EUROPE REGIONAL INITIATIVES

EUR1	Spectrum management and transition to digital broadcasting
EUR2	Development of broadband access and adoption of broadband
EUR3	Ensuring access to telecommunications/ICTs, in particular for persons with disabilities
EUR4	Building confidence and security in the use of telecommunications/ICTs
EUR5	Entrepreneurship, innovation and youth

ITU-D Study Group 1:

- Title: *Enabling environment for the development of telecommunications/ICTs*
- Scope of work:
  - National telecommunication/ICT policy, regulatory, technical and strategy development which best enables countries to benefit from the impetus of telecommunications/ICTs, including broadband, cloud computing and consumer protection, as an engine for sustainable growth.
  - Economic policies and methods of determining costs of services related to national telecommunications/ICTs.
  - Access to telecommunications/ICTs for rural and remote areas.
  - Access to telecommunications/ICTs services by persons with disabilities and specific needs.
  - The needs of developing countries in spectrum management, including the ongoing transition from analogue to digital terrestrial television broadcasting and the use of the digital dividend, in addition to any future digital switchover.
- Work items: 8 study Questions and WTDC Resolution 9

ITU-D STUDY GROUPS: SG1 QUESTIONS

ITU-D Study Group 1 Questions (2014-2018):

Number	Title	Origin
Q1/1	Policy, regulatory and technical aspects of the migration from existing networks to broadband networks in developing countries, including next-generation networks, m-services, OTT services and the implementation of IPv6	Merger of former Questions 7-3/1, 10-3/1, 19-2/1 & 26/2
Q2/1	Broadband access technologies, including IMT, for developing countries	Continuation of Q25/2
Q3/1	Access to cloud computing: challenges and opportunities for developing countries	New Question
Q4/1	Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks, including next-generation networks	Continuation of Q12-3/1
Q5/1	Telecommunications/ICTs for rural and remote areas	Continuation of Q10-3/2
Q6/1	Consumer information, protection and rights: Laws, regulation, economic bases, consumer networks	Continuation of Q18-2/1
Q7/1	Access to telecommunication/ICT services by persons with disabilities and with specific needs	Continuation of Q20-1/1
Q8/1	Examination of strategies and methods of migration from analogue to digital terrestrial broadcasting and implementation of new services	Continuation of Q11-3/2
Resolution 9	Participation of countries, particularly developing countries, in spectrum management	Revised Resolution 9

ITU-D Study Group 2:

- <u>Title</u>: ***ICT applications, cybersecurity, emergency telecommunications and climate change adaptation***
- <u>Scope of work</u>:
  - Services and applications supported by telecommunications/ICTs.
  - Building confidence and security in the use of ICTs.
  - The use of telecommunications/ICTs in mitigating the impact of climate change on developing countries, and for natural disaster preparedness, mitigation and relief, as well as conformance and interoperability testing.
  - Human exposure to electromagnetic fields and safe disposal of electronic waste.
  - The implementation of telecommunications/ICTs, taking into account the results of the studies carried out by ITU-T and ITU-R, and the priorities of developing countries.
- <u>Work items</u>: 9 study Questions

ITU-D STUDY GROUPS: SG2 QUESTIONS

ITU-D Study Group 2 Questions (2014-2018):

Number	Title	Origin
Questions related to ICT applications and cybersecurity		
Q1/2	Creating the smart society: Social and economic development through ICT applications	New Question integrating former Q17-3/2 with additional content
Q2/2	Information and telecommunications/ICTs for e-health	Continuation of Q14-3/2
Q3/2	Securing information and communication networks: Best practices for developing a culture of cybersecurity	Continuation of Q22-1/1
Q4/2	Assistance to developing countries for implementing conformance and interoperability programmes	New Question
Questions related to climate change, environment, and emergency telecommunications		
Q5/2	Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response	Continuation of Q22-1/2
Q6/2	ICT and climate change	Continuation of Q24/2
Q7/2	Strategies and policies concerning human exposure to electromagnetic fields	Continuation of Q23/1
Q8/2	Strategies and policies for the proper disposal or reuse of telecommunication/ICT waste material	Continuation of Q24/1
Questions on other topics		
Q9/2	Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries	Continuation of Q9-3/2